

# 2007 Daily Values

## MISSISSIPPI RIVER AT JEFFERSON BARRACKS (MANUALLY OBSERVED GAGE), MO (MIJB/0168A)

Location:	LOCATION. LAT. 38-29, LONG. 90-16, ON RIGHT BANK AT MILE 168.7 ABOVE THE MOUTH OF THE OHIO RIVER. NOTE: PRIOR TO MAR. 2, 1960, GAGE WAS LOCATED AT MILE 169.3 ABOVE THE MOUTH OF THE OHIO RIVER. NO CHANGE IN DATUM.
Gage:	STAFF TYPE. ATTACHED TO DOWNSTREAM END OF RIGHT PIER OF JEFFERSON BARRACKS BRIDGE. OWNED, OPERATED AND MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS.
General Information:	FLOOD STAGE, 26 FEET. DRAINAGE AREA, 697,416 SQUARE MILES. NOTE: THE 4,000. SQUARE MILES IN GREAT DIVIDE BASIN ARE NO LONGER INCLUDED.
Records Available:	STAGE, JAN. 1892 THRU 1907, 1926 THRU JULY 20, 1972*. GAGE DAMAGED AND RECORDS POOR, TEMPORARILY DISCONTINUED. RE-ESTABLISHED JAN. 23, 1973. DATA NOT AVAILABLE 1984 TO OCT. 1985. ALL RECORDS IN FILES OF CORPS OF ENGINEERS.
Mean Stage:	PERIOD OF RECORD, 8.41 FT . 01 JAN 1927 TO DATE, 7.91 FT .
Extreme Stage:	PERIOD OF RECORD, DAILY HIGH OF 44.10 FT ON 01 AUG 1993 & PERIOD OF RECORD, DAILY LOW OF -8.60 FT (ESTIMATED) OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 24 DEC 1989 .
Zero Gage Datum:	377.69 ft NGVD. NOTE: ADD DATUM TO STAGE TO OBTAIN ELEVATION.
ALL VALUES RECORDED AT 8AM. STAGE IN FT:	

Day	Month											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.2	0.1	13.4	18.6	21.7	15.0						
2	2.8	-0.3	13.2	18.8	21.5	16.0						
3	2.2	-0.8	15.6	18.8	21.3							
4	2.7	-1.4	16.8	19.5	21.5							
5	3.9	-2.4	14.7	20.4	21.8							
6	4.1	-3.2	12.7	20.7	21.1							
7	4.6	-4.0	11.2	20.4	20.2							
8	5.6	-4.6	9.8	19.6	19.4							
9	5.7	-4.3	7.3	19.3	21.4							
10	5.0	-4.6	7.3	18.7	24.3							
11	4.8	-4.5	6.4	18.4	25.5							
12	4.3	-4.5	7.0	18.7	25.6							
13	5.4	-3.5	8.7	18.9	25.5							
14	4.9	-3.6	10.2	19.0	25.3							
15	5.6	-3.6	10.4	20.0	24.9							
16	7.1	-3.1	10.9	21.5	24.7							
17	6.9	-2.6	12.5	21.7	24.3							
18	5.2		13.4	21.1	22.6							
19	3.9	-0.9	14.1	20.5	20.7							
20	3.1	-1.6	14.7	19.7	19.2							
21	2.2	-2.1	14.9	18.8	17.9							
22	2.0	-1.0	15.2	17.9	16.5							
23	1.4	0.5	15.6	17.2	14.9							
24	1.0	2.8	16.2	16.3	14.5							
25	0.9	8.8	16.4	15.4	13.2							
26	2.0	12.8	16.6	14.5	13.1							
27	2.6	14.2	17.0	14.6	12.9							
28	3.0	14.6	17.3	16.1	13.3							
29	1.5	----	17.3	20.0	15.3							
30	1.0	----	17.3	21.3	16.3							
31	0.0	----	17.7	----	15.7	----			----		----	
The following statistics are based on observations occurring in 2007 only.												
Mean	3.5	-0.1	13.3	18.9	19.9	15.5						
Max	7.1	14.6	17.7	21.7	25.6	16.0						
Min	0.0	-4.6	6.4	14.5	12.9	15.0						
Day	31	27	31	30	31	2	0	0	0	0	0	0

The Mean STAGE for the Year was: 11.4  
The Highest STAGE for the Year was: 25.6 which occurred on: 05-12-2007  
The Lowest STAGE for the Year was: -4.6 which occurred on: 02-10-2007 02-08-2007  
The Total Number of Days for the Year was: 152

NOTICE: All data contained herein is preliminary in nature and therefore subject to change. The data is for general information purposes ONLY and SHALL NOT be used in technical applications such as, but not limited to, studies or designs. All critical data should be obtained from and verified by the United States Army Corps of Engineers. The United States Government assumes no liability for the completeness or accuracy of the data contained herein and any use of such data inconsistent with this disclaimer shall be solely at the risk of the user.